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- 1** [Model driven security: From UML models to access control infrastruc](#)
[David Basin, Jürgen Doser, Torsten Lodderstedt](#)
 January 2006 **Transactions on Software Engineering and Methodology**
Publisher: ACM

 Full text available: [Pdf](#) (968.83 KB)

 Additional Information: [full citation](#), [abstract](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 57, Downloads (12 Months): 435, Citatio

We present a new approach to building secure systems. In our approach Security, designers specify system models along with their security requirements and automatically generate system architectures from the models, ...

Keywords: Model Driven Architecture, Object Constraint Language, Role Modeling Language, metamodeling, security engineering

- 2** [Communications of the ACM: Volume 51 Issue 11](#)

November 2008 Communications of the ACM

Publisher: ACM

 Full text available: [Digital Edition](#) , [Pdf](#) (8.26 MB) Additional Information: [full citation](#)
Bibliometrics: Downloads (6 Weeks): 518, Downloads (12 Months): 2711, Cita

- 3** [A middleware-based application framework for active space applicat](#)
[Manuel Román, Roy H. Campbell](#)

 June 2003 **Middleware '03: Proceedings of the ACM/IFIP/USENIX 2003 International Middleware**
Publisher: Springer-Verlag New York, Inc.

 Full text available: [Pdf](#) (214.87 KB)

 Additional Information: [full citation](#), [abstract](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 8, Citation C

Ubiquitous computing challenges the conventional notion of a user logged device, whether it is a desktop, a laptop, or a digital assistant. When the device contains hundreds of networked computer devices ...

- 4** [Queue: Volume 6 Issue 3](#)

May 2008 Queue

Publisher: ACM

 Full text available: [Digital Edition](#) , [Pdf](#) (5.56 MB) Additional Information: [full citation](#)
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5 Self



David Ungar, Randall B. Smith

June 2007 **HOPL III: Proceedings of the third ACM SIGPLAN conference on programming languages**

Publisher: ACM

Full text available: [Mov](#) (53:9 MIN), [Pdf](#) (1.70 MB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 50, Downloads (12 Months): 459, Citatio

The years 1985 through 1995 saw the birth and development of the language design by the authors at Xerox PARC, through first implementations by students at Stanford University, and then with a larger team ...

Keywords: Self, adaptive optimization, cartoon animation, dynamic language, exploratory programming, history of programming languages, morphic, programming environment, prototype-based programming language, vi

6 The role of domain ontologies in database design: An ontology management modeling environment



Vijayan Sugumaran, Veda C. Storey

September 2006 **Transactions on Database Systems (TODS)**, Volume 31

Publisher: ACM

Full text available: [Pdf](#) (1.28 MB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 72, Downloads (12 Months): 517, Citatio

Database design is difficult because it involves a database designer understanding and translating the design requirements into a conceptual model. However, no knowledge about the application or task for ...

Keywords: Ontology, conceptual modeling, database design, entity-relationship constraints, ontology management and database design environment

7 Mae---a system model and environment for managing architectural evolution



Roshanak Roshandel, André Van Der Hoek, Marija Mikic-Rakic, Nenad Medvidovic

April 2004 **Transactions on Software Engineering and Methodology**

Publisher: ACM



Full text available: [Pdf](#) (2.39 MB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 122, Citatio

As with any other artifact produced as part of the software life cycle, so this evolution must be managed. One approach to doing so would be to use configuration management systems, which have ...

Keywords: Design environment, Mae, evolution, system model


8 Controlling access in multiuser interfaces




-  [Prasun Dewan, Honghai Shen](#)
 March 1998 **Transactions on Computer-Human Interaction (TOCHI)** ,
Publisher: ACM
 Full text available:  [Pdf](#) (182.07 KB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 86, Citation



Traditionally, access control has been studied in the areas of operating : management systems. With the advent of multiuser interfaces, there is in the user interface. We have developed a general framework ...

Keywords: access control, collaboration, computer-supported cooperat security, structure editors, user interface management systems

- 9 [ACM SIGPLAN Notices: Volume 39 Issue 5](#)
 May 2004 SIGPLAN Notices
Publisher: ACM
 Additional Information: [full citation](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

- 10 [Queue: Volume 6 Issue 5](#)
 September 2008 Queue
Publisher: ACM
 Full text available:  [Digital Edition](#) ,  [Pdf](#) (6.07 MB) Additional Information: [full citation](#)
Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 472, Citatio

- 11 [Queue: Volume 6 Issue 2](#)
 March 2008 Queue
Publisher: ACM
 Full text available:  [Digital Edition](#) ,  [Pdf](#) (7.96 MB) Additional Information: [full citation](#)
Bibliometrics: Downloads (6 Weeks): 56, Downloads (12 Months): 459, Citatio








- 12 [FranTk - a declarative GUI language for Haskell](#)
 [Meurig Sage](#)
 September 2000 **ICFP '00: Proceedings of the fifth ACM SIGPLAN internatio programming**
Publisher: ACM
 Full text available:  [Pdf](#) (1.11 MB) Additional Information: [full citation](#), [abstract](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 40, Citation (

FranTk is a new high level library for programming Graphical User Inter based on Fran (Functional Reactive Animation), and uses the notions of structure code. Behaviors are time-varying, ...


Keywords: Haskell, functional reactive programming, graphical user in

Also published in:

September 2000 **SIGPLAN Notices** Volume 35 Issue 9





13 [Queue: Volume 7 Issue 1](#) January 2009 Queue**Publisher:** ACMFull text available:  [Digital Edition](#) ,  Pdf (2.84 MB) Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 96, Downloads (12 Months): 246, Citation**14** [Developing mobile 3D applications with OpenGL ES and M3G](#) Kari Pulli, Jani Vaarala, Ville Miettinen, Tomi Aarnio, Mark CallowJuly 2005 **SIGGRAPH '05**: SIGGRAPH 2005 Courses**Publisher:** ACMFull text available:  Pdf (9.22 MB) Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 249, Citation**15** [Toolglass and magic lenses: the see-through interface](#) Eric A. Bier, Maureen C. Stone, Ken Pier, William Buxton, Tony D. DeRoseSeptember 1993 **SIGGRAPH '93**: Proceedings of the 20th annual conference on interactive techniques**Publisher:** ACMFull text available:  Pdf (232.08 KB) Additional Information: [full citation](#), [reference](#)**Bibliometrics:** Downloads (6 Weeks): 60, Downloads (12 Months): 383, Citation**Keywords:** button, control panel, lens, macro, menu, multi-hand, trans**16** [DOTAGWA: a case study in web-based architectures for connecting spatially enabled web applications](#)

Averill Cate, Jr., Darius Semmens, D. Phillip Guertin, David C. Goodrich


July 2007 **SCSC**: Proceedings of the 2007 summer computer simulation conference**Publisher:** Society for Computer Simulation InternationalFull text available:  Pdf (661.50 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 55, Citation

The Automated Geospatial Watershed Assessment (AGWA) tool is a desktop application that uses a set of widely available standardized spatial datasets to derive inputs for multi-criteria evaluation (Cate et al., 2007). The required data sets include topography ...

Keywords: best management practices, decision support systems, environmental change, landscape change and monitoring, spatially enabled web applications

17 [Bridging the Object-Relational Divide](#) Craig RussellMay 2008 **Queue** , Volume 6 Issue 3**Publisher:** ACMFull text available:  Digital Edition ,  Html (32.16 KB),  Pdf (591.19 KB) Additional**Bibliometrics:** Downloads (6 Weeks): 72, Downloads (12 Months): 373, Citation

Modern applications are built using two very different technologies: object-oriented business logic; and relational databases for data storage. Object-oriented technology for implementing complex systems, providing benefits ...

- 18 [The evolving mSpace platform: leveraging the semantic web on the i](#)
 [m. c. schraefel, Daniel A. Smith, Alistair Owens, Alistair Russell, Craig Har](#)
 September 2005 **HYPERTEXT '05**: Proceedings of the sixteenth ACM confer
 hypermedia

Publisher: ACM

Full text available:  Pdf (441.86 KB)

Additional Information: [full citation](#), [abstract](#), [r](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 62, Citation (

Vannevar Bush proposed the memex as a means to support building kn
 human brain works: by association. Achieving this vision has been a cor
 research. In this paper, we suggest first that Bush's memex ...

Keywords: association, bush, hypertext, mSpace, memex, semantic w

- 19 [Extending model driven architecture benefits to requirements engine](#)
[Salah Kabanda, Mathew Adigun](#)
 October 2006 **SAI CSIT '06**: Proceedings of the 2006 annual research confe
 institute of computer scientists and information technologists
 countries

Publisher: South African Institute for Computer Scientists and Information Techno

Full text available:  Pdf (145.49 KB)

Additional Information: [full citation](#), [abstract](#), [r](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 192, Citatio

This work focuses on developing a requirement engineering model (RSF
 Architecture (MDA) and Web-tier Application Framework (WAF), to supp
 requirements generation when creating families of systems. ...

Keywords: model driven architecture, requirement specification model
 product line engineering, web-tier application framework

- 20 [A goal-oriented development tool to automate the incorporation of in](#)
 [interactive digital media applications](#)
[Han Yu, Zhiqi Shen, Chunyan Miao](#)
 July 2008 **Computers in Entertainment (CIE)** , Volume 6 Issue 2

Publisher: ACM

Full text available:  Pdf (668.32 KB)





Additional Information: [full citation](#), [abstract](#), [r](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 211, Citatio

Recent developments in games and interactive storytelling applications
 computer controlled characters being included extensively. Non-human
 starting to play an increasingly significant role ...

Keywords: design tool, distributed system, goal-oriented, intelligent ag

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